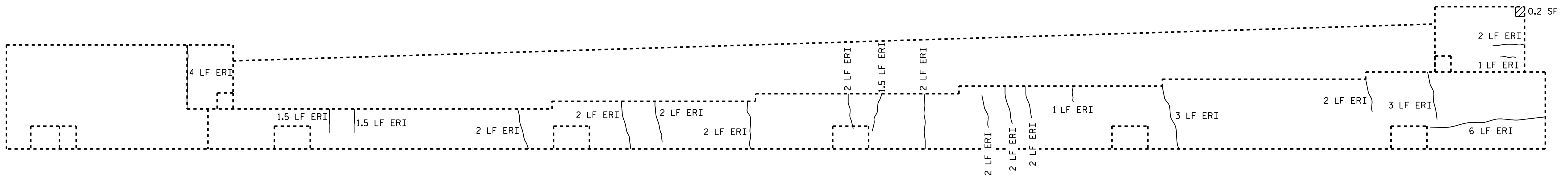





PLAN



ELEVATION
LOOKING FRONT FACE OF END BENT

- ①  CONCRETE REPAIR
- ②  SHOTCRETE REPAIR
- ③  ERI EPOXY RESIN INJECTION

NOTES:

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE INSPECTOR OR ENGINEER THE CONTRACTOR SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

FOR STRUCTURE REPAIRS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET S-72.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

FOR EPOXY COATING SHALL BE APPLIED TO THE TOP FACE OF THE END BENT CAP.

REPAIR QUANTITY TABLE				
REPAIRS END BENT 2	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF.	VOLUME CF.	AREA SF.	VOLUME CF.
CAP (VERTICAL FACE)	0.2	0.1		
CAP (HORIZONTAL FACE)				
CURTAIN WALL				
CONCRETE REPAIRS				
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP		43.0		
CURTAIN WALL		7.0		
EPOXY COATING		SO. FT.		SO. FT.
TOP OF CAP		119.0		

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 1" CL TO SAWCUT. SEE REPAIR DETAILS.

PROJECT NO. I-5788
CUMBERLAND COUNTY
 BRIDGE NO. 142



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE REPAIRS

END BENT 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-16
2			4			72

DRAWN BY : A. SORSENGIH DATE : 10/23/15
 CHECKED BY : S. B. WILLIAMS DATE : 10/30/15
 DESIGN ENGINEER OF RECORD: _____ DATE : _____